Page 1

August-22-12 10:05:12 AM Item ID: D350-561-045 Accept *N900040100* Setup Start **Revision ID:** Item Name: Dual Mirror Accessory Installation, 6 inch Round **Start Date:** 22/08/2012 Start Qty: 2.00 **Cust Item ID: Required Date:** 05/09/2012 Req'd Qty: 2.00 **Customer:** Reference: Run Date: 12/08/22 Tooling: **Approvals:** SPC (Y/N): Date: Date: Sequence ID/ Operation Set Up/ Reject Tool ID Tool # Plan Reject Accept Insp. **Work Center ID** Description **Run Hours** Qty Code Otv Number Stamp **Draw Nbr Revision Nbr** D350-561 Rev D 100 0.00 *100* DOCUMENT CONTROL DC 0.00 Memo Document Control Photocopy bluefile and create labels per PPP D350-561-045 CHG003 105 Pick Kit 0.00 *105* Packaging 0.00 Memo Packaging 110 QC4- 100% Inspect kits for completeness QC 0.00 Memo Quality Control

									DQA:	Date	:
s / No				WORK ORDER NON-	COI	VFORM	MANCE / UPD	ATE	OA Classed	Data	
									QA Closed:	Date	
				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
		-		Rework Scrap Use-as-is Work Order Update	Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite		Small Fab Finishing		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other	
			Descrip	otion of work order update		nitial	Actio	on	Sign &		
Date	Step	Qty	C	or Non-conformance	Ch	ief Eng	Descri	otion	Date	Verification	QC Inspector
		v				•1					
				F	AUL	T CATE	GORY				
Gear					AUL	CATE	JONT				
Bending Centre No Cracks Crushed/C Cuffs Heat Treat	Crimped. t)/s	Bend BOM/Route Broken/Damaged Burrs Contamination Countersink		Hardwai Inspection Instruction Mainte Mislabel	on Incomplete ons Incomplete/Ur nance		Part Incorred Part Lost/Mi Part Moved Positioned V	ct ssing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
	Bending Centre No Cracks Crushed/C Cuffs Heat Trea	Bending Centre Not Concen Cracks Crushed/Crimped. Cuffs Heat Treat	Bending Centre Not Concentric to C Cracks Crushed/Crimped Cuffs Heat Treat	Bending Centre Not Concentric to O/S Cracks Crushed/Crimped. Cuffs Heat Treat	General Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink	General Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat General Bend BoM/Route Broken/Damaged Burrs Contamination Countersink	General Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat General Grain Hardwar Grain Hardwar Gracks Broken/Damaged Inspection Instructi Contamination Mainte Mislabel	Bending Centre Not Concentric to O/S Cracks Cracks Broken/Damaged Crushed/Crimped Burrs Contamination Heat Treat Bend Grain Hardware Hardware Inspection Incomplete Instructions Incomplete/Ur Maintenance Mislabeled	General Bending Bend Grain Centre Not Concentric to O/S BOM/Route Hardware Cracks Broken/Damaged Inspection Incomplete Crushed/Crimped Burrs Instructions Incomplete/Unclear Cuffs Contamination Maintenance Heat Treat Countersink Mislabeled	General Bending Bend Grain Ovalized Centre Not Concentric to O/S BOM/Route Hardware Over/Under Cracks Broken/Damaged Inspection Incomplete Part Incorrec Crushed/Crimped Burrs Instructions Incomplete/Unclear Part Lost/Mi Cuffs Contamination Maintenance Part Moved Heat Treat Countersink Mislabeled Positioned V	General Bending Bend Grain Ovalized Over/Under tolerance Cracks Broken/Damaged Instructions Incomplete Part Lost/Missing Cuffs Contamination Maintenance Part Moved

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Page 2

August-22-12 10:05:12 AM Item ID: D350-561-045 Accept *N900040100* Setup Start **Revision ID:** Dual Mirror Accessory Installation, 6 inch Round Item Name: **Start Date:** 22/08/2012 Start Qty: 2.00 **Cust Item ID: Required Date:** 05/09/2012 Reg'd Oty: 2.00 **Customer:** Reference: Run Process Plan: Approvals: Date: Tooling: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. Work Center ID Description **Run Hours** Qty Qty Code Number Stamp 120 0.00 Packaging *120* Packaging 0.00 Packaging Identify and pack for shipping as per PPP D350-561-045 130 QC21- Final Inspection - Work Order Release 0.00 CK. 12/8/28. QC 0.00 Memo Quality Control

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-	CO	NFORI	MANCE / UP	DATE			•
											QA Closed:	Date:	
Work Ord	lor.					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part						Rework Scrap			Skid-tube Machining	Crosstube Small Fab	4	Water Jet d. Eng. Coor.	Engineering Quality
NCR	No.					Use-as-is Work Order Update	}		noforming Large Fab	Finishing Composite	Rec/Sto	re/Packaging Supplier	Other
Root					Descri	ption of work order update	T	Initial	Ac	tion	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Cł	nief Eng	Desc	ription	Date	Verification	QC Inspector
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Equip/Tooling													
Operator													~y ,
Material													
Setup	,												
Other						•							
Process					٠								
Supplier													
Training							1						•
Unapproved											<u> </u>		
*						F	AUL	LT CATE	GORY				
Landi	ng G	ìear				General	_	_		_	-		7
	Ш	Bending				Bend		Grain			Ovalized		Pressure/Forced
,	Ш	Centre No	t Concer	itric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Ш	Cracks				Broken/Damaged	L	Inspecti	on Incomplete		Part Incorre	ct	Weld
	\Box	Crushed/0	Crimped.			Burrs		Instruct	ions Incomplete/	Unclear	Part Lost/Mi	issing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance		Part Moved		
		Heat Trea	t			Countersink		Mislabe	led		Positioned V	Vrong	<u>_</u>
		Inspection	Strip in	Tube		Cut Too Short		Misread	l		Power Loss/	Surge	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

August-22-12 10:05:15 AM

Work Order ID: 89423

89423

Parent Item: D350-561-045 *D350-561-045*

Parent Item Name: Dual Mirror Accessory Installation, 6 inch Round

Start Date: 22/08/2012

Required Date: 05/09/2012

Page 1

Start Qty: 2.00

Required Qty: 2.00

Comments:

IPP D05.09.15Step 3 pick list revised per D350-561 Rev.

Manufactured

Manufactured

No

No

CKJ/JLM

IPP Rev:E

add pick kit DD 10.04.19 verified by:EC

IPP Rev:F 10.09.14 per

IIN revD DD verf:EC 596 DD VERF:EC

IPP REV:G 12.05.30 PER ECN 12-

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-5A * Λ(ΝΙΘ) Ε Λ *		Purchased	No			105	Each	1,086.000	**	4			= ===
Bolt				•								S	

Location	Loc Qty	Loc Code		,
ST350	1086			
115371	46			
117423	121			
119355	200			
120187	213		H Sh	
121185	6			
122416	500		-	
	105 Each	11.0000	2	

	D2011-101			
5_	*D201	1_1	01	*
Ĥ	6" Mirror		٠,,	

Location	Lo	c Qty	Loc Code
ST226		11	
79943		11	
- -,	105	Each	40.0000

D2012-113

Location Loc Oty Loc Code ST003 40 39

NCR:	Yes	/ No				WORK ORDER NON-	CO	NFORM	MANCE / UPDA	ATE			
									_		QA Closed:	Date	:
Work Ord	ler:					DISPOSITION	_			AGAINST DE	PARTMENT		
Part No						Rework Scrap Use-as-is Work Order Update	Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite			4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other	
Root					Descri	ption of work order update	T	Initial	Action	า	Sign &		
Cause		Date	Step	Qty		or Non-conformance	C	nief Eng	Descript	tion	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved									. 47)				
							AUI	LT CATE	GORY				
Landi		iear Bending Centre No Cracks Crushed/C Cuffs Heat Trea Inspectior Ripples in	Crimped. t n Strip in		D/S	General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		4	on Incomplete ions Incomplete/Unc nance Ied	clear	Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ct ssing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
	\Box	Torque W	aves in E	xtrusior	, [Drawing		Out of C	alibration				

Out of Sequence

Outside Dimensions

Date: __

DQA:

Turning Sequence

Wave/Twist in Tube

Finish Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

August-22-12 10:05:15 AM

Work Order ID: 89423

89423

Parent Item:

D350-561-045

D350-561-045

Parent Item Name: Dual Mirror Accessory Installation, 6 inch Round

Start Date: 22/08/2012

Required Date: 05/09/2012

Start Qty: 2.00

Required Qty: 2.00

D3635-3

Manufactured

105

105

Each 68.0000

**

Page 2

NAS1149D0363J Purchased AN960JD10

AN960JD416

NAS1149D0463J Purchased

No

No

85656

Location

ST059

105 Each

Loc Qty

795

795

728

Loc Qty

68 68

Each

29,0000

Loc Code

0.0000

**

M122441

M122378

Purchased

No

Loc Qty Location ST351 29 116289 8 119097 21 105 Each

3,229.000

Loc Code

Loc Code

ST317

Location

122452

316

ST300

117885 32 119017 558 119075 138 1706 122141 1706

											DQA:	Date	:
NCR:	Yes	/ No				WORK ORDER NON-	CO	NFOR	MANCE / UPDATE				
											QA Closed:	Date	:
Morle Ord	۵					DISPOSITION			AGAINST	DE	PARTMENT	PROCESS	
Work Ord	er:					Dame of L	٦		Shirt with a Consequence	_	7	Water Jet	Engineering
Dowt	NI.a					Rework	4		Skid-tube Crosstube Machining Small Fab	-	Bro	d. Eng. Coor.	Quality
Part	NO.				 ,	Scrap Use-as-is	4	•	Machining Small Fab	\vdash	-	e/Packaging	Other
NCR	No					Work Order Update	-	mem	Large Fab Composite	—	Nec/3101	Supplier	-
IVER	v O.					Work Order opdate	J		composite		J	Supplie!	
Root					Descri	iption of work order update		Initial	Action		Sign &		
Cause		Date	Step	Qty		or Non-conformance	CI	hief Eng	Description		Date	Verification	QC Inspector
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Setup]											
Other]											
Process													
Supplier													
Training													
Unapproved													
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		Bending				Bend	L	Grain			Ovalized		Pressure/Forced
		Centre No	ot Concer	tric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorred	t	Weld
		Crushed/0	Crimped.			Burrs		Instruct	ions Incomplete/Unclear		Part Lost/Mi	ssing	Wrong Stock Pulled

Maintenance

Out of Calibration

Out of Sequence

Outside Dimensions

Mislabeled

Misread

Offset

Contamination

Countersink

Cut Too Short

Drill Holes

Drawing

Finish

Folio

Part Moved

Positioned Wrong

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Cuffs

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

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REFERENCE ONLY

D350-561 Page 14 of 14

5. PARTS LIST

Qty -041	Qty -043	Qty کے 045۔	Qty -141	Qty -143	Qty -241	Qty -243	Part Number	Description
Х	1						D350-561-041	SINGLE MIRROR INSTALLATION, RH
	Х					Ý	D350-561-043	DUAL MIRROR INSTALLATION, RH
	1	Х		1		1	D350-561-045	MIRROR KIT
			X	1		1	D350-561-141	SINGLE MIRROR INSTALLATION, RH
		1		X			D350-561-143	DUAL MIRROR INSTALLATION, RH
					Х	1	D350-561-241	SINGLE MIRROR INSTALLATION, LH
						X	D350-561-243	DUAL MIRROR INSTALLATION, LH
1		11			1		D2011-101>	Mirror
1		1		W - 14 (1/2/20)	~		D2012-101	Arm
1							D2012-103	Arm
1			1				D2012-105	Arm
					1		D2012-106	Arm
2			1		1		D2012-107	Clevis
1							D2012-109	Bracket
1			1		1		D2012-111	Bracket
4		2					D2012-113	Clamp
1			1		1		D2012-115	Bracket
4			2		2		D2022-101	Spacer
4							D2856-100-325	Abrasion Strip
1*		1*	1*		1*		D3014-1	Locknut
			1		1		D3629-1	Bracket
			1		1		D3635-1	Gasket
		2					D3635-3	Gasket
			1				D3646-1	Arm
					1		D3646-2	Arm
		1	1				D3646-3	Arm
					1	ļ <u>.</u>	D3646-4	Arm
			2		2		D4070-041	Clamp
2							AN3-4A	Bolt
2		/2	6		6		_AN3-5A	Bolt
1			1		1		AN3-6A	Bolt
2			11		1		AN4-10A	Bolt
3			3		3		AN4-5A	Bolt
14		4	8		8		_AN960JD10	Washer
9		/2	8		8		AN960JD416	7Washer
1*		1*	1*		1*		AN960JD416L	Washer
5		L 2	4		4		-MS21042L3	Nut (or MS21042-3)
5			4		4		-MS21042L4	Nut (or MS21042-4)
1								

*INCLUDED AS PART OF D2011-101 MIRROR

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Revision: **E**

Date: 12.03.27

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